

REMARKS

Claims 118-126 and 148-161 are pending in the present application. By this amendment Claims 118, 156, and 157 have been canceled, Claims 119-123, 126, 158-155, and 158-161 have been amended, and new Claims 162-331 have been added. Amendment and cancellation of certain claims are not to be construed as a dedication to the public of any of the subject matter of the claims as previously presented. Support for the amendments and new claims is found in the specification and claims as filed.

Claim Rejections - 35 U.S.C. § 112, First Paragraph

Claims 160 stands rejected under 35 U.S.C. § 103(a) as failing to comply with the written description requirement as to detection of transient glucose related signal artifact performed on the calibrated data stream. Applicants refer to paragraphs [0352] to [0353] of the specification as filed as providing support for this limitation. Accordingly, Applicants respectfully request withdrawal of the rejection.

Claim Rejections - 35 U.S.C. § 112, Second Paragraph

Claim 161 stands rejected under 35 U.S.C. § 103(a) as indefinite as to the term "physiologically feasibility". Claim 161 has been amended to refer to "physiological feasibility", the meaning of that term being supported by the specification. See, e.g., paragraph [0249]. Accordingly, Applicants respectfully request withdrawal of the rejection.

Claim Rejections - 35 U.S.C. § 102(b)

Claims 118, 123-126, 148-155, 158, and 159 stand rejected under 35 U.S.C. § 102(b) as allegedly anticipated by U.S. Patent Application Publication No. 2002/0026110 ("Parris et al."). Applicants respectfully traverse the obviousness rejection. Although Applicants do not necessarily agree with the propriety of the rejection, Claim 118 has been canceled without prejudice solely to advance prosecution of the remaining claims. Allowable Claim 119 has been redrafted into independent form. Pending Claims 123-126, 148-155, 158, and 159 now depend from allowable Claim 119. Accordingly, Applicants respectfully request withdrawal of the rejection.

Claim Rejections - 35 U.S.C. § 103(a)

Claims 156 and 157

Claims 156 and 157 stand rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Parris et al. Although Applicants do not necessarily agree with the propriety of the rejection, Claims 156 and 157 have been canceled without prejudice solely to advance prosecution of the remaining claims. Accordingly, Applicants respectfully request withdrawal of the rejection.

Claim 160

Claim 160 stands rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Parris et al. in view of Goode et al. Although Applicants do not necessarily agree with the propriety of the rejection, Claim 160 now depends, through an intervening claim, from allowable Claim 119. Accordingly, Applicants respectfully request withdrawal of the rejection.

Allowable Subject Matter

Applicants thank the Examiner for indicating that Claims 119-122 are allowable if redrafted into independent form. Applicants further thank the examiner for the indication that Claim 161 would be allowable if redrafted into independent form and if the Section 112, paragraph 2 rejection is overcome.

No Disclaimers or Disavowals

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicants are not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicants reserve the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicants have made any disclaimers or disavowals of any subject matter supported by the present application.

Application No.: 10/648,849
Filing Date.: August 22, 2003

Co-Pending Applications of Assignee

Applicants wish to draw the Examiner's attention to the following co-pending applications, expired applications, and granted patents of the present application's assignee.

| Docket No. | Serial No. | Title | Filed |
|---------------|------------|--|------------|
| DEXCOM.9CPDVC | 07/122395 | BIOLOGICAL FLUID MEASURING DEVICE | 11/19/1987 |
| DEXCOM.9CPDCP | 07/216683 | BIOLOGICAL FLUID MEASURING DEVICE | 7/7/1988 |
| DEXCOM.008A | 08/811473 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 3/4/1997 |
| DEXCOM.008DV1 | 09/447227 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 11/22/1999 |
| DEXCOM.8DVC1 | 09/489588 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 1/21/2000 |
| DEXCOM.8DVCP1 | 09/636369 | SYSTEMS AND METHODS FOR REMOTE MONITORING AND MODULATION OF MEDICAL DEVICES | 8/11/2000 |
| DEXCOM.006A | 09/916386 | MEMBRANE FOR USE WITH IMPLANTABLE DEVICES | 7/27/2001 |
| DEXCOM.007A | 09/916711 | SENSOR HEAD FOR USE WITH IMPLANTABLE DEVICE | 7/27/2001 |
| DEXCOM.8DVCP2 | 09/916858 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 7/27/2001 |
| DEXCOM.010A | 10/153356 | TECHNIQUES TO IMPROVE POLYURETHANE MEMBRANES FOR IMPLANTABLE GLUCOSE SENSORS | 5/22/2002 |
| DEXCOM.024A | 10/632537 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/1/2003 |
| DEXCOM.026A | 10/633329 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/1/2003 |
| DEXCOM.016A | 10/633367 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/1/2003 |
| DEXCOM.025A | 10/633404 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/1/2003 |

Application No.: 10/648,849
 Filing Date.: August 22, 2003

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| DEXCOM.011A | 10/646333 | OPTIMIZED SENSOR GEOMETRY FOR AN IMPLANTABLE GLUCOSE SENSOR | 8/22/2003 |
| DEXCOM.012A | 10/647065 | POROUS MEMBRANES FOR USE WITH IMPLANTABLE DEVICES | 8/22/2003 |
| DEXCOM.027A | 10/648849 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 8/22/2003 |
| DEXCOM.8DVC1C1 | 10/657843 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 9/9/2003 |
| DEXCOM.028A | 10/695636 | SILICONE COMPOSITION FOR BIOCOMPATIBLE MEMBRANE | 10/28/2003 |
| DEXCOM.006C1 | 10/768889 | MEMBRANE FOR USE WITH IMPLANTABLE DEVICES | 1/29/2004 |
| DEXCOM.037A | 10/789359 | INTEGRATED DELIVERY DEVICE FOR CONTINUOUS GLUCOSE SENSOR | 2/26/2004 |
| DEXCOM.045A | 10/838658 | IMPLANTABLE ANALYTE SENSOR | 5/3/2004 |
| DEXCOM.044A | 10/838909 | IMPLANTABLE ANALYTE SENSOR | 5/3/2004 |
| DEXCOM.043A | 10/838912 | IMPLANTABLE ANALYTE SENSOR | 5/3/2004 |
| DEXCOM.012CP1 | 10/842716 | BIOINTERFACE MEMBRANES INCORPORATING BIOACTIVE AGENTS | 5/10/2004 |
| DEXCOM.8DV1CP | 10/846150 | ANALYTE MEASURING DEVICE | 5/14/2004 |
| DEXCOM.048A | 10/885476 | SYSTEMS AND METHODS FOR MANUFACTURE OF AN ANALYTE-MEASURING DEVICE INCLUDING A MEMBRANE SYSTEM | 7/6/2004 |
| DEXCOM.019A | 10/896637 | ROLLED ELECTRODE ARRAY AND ITS METHOD FOR MANUFACTURE | 7/21/2004 |
| DEXCOM.021A | 10/896639 | OXYGEN ENHANCING MEMBRANE SYSTEMS FOR IMPLANTABLE DEVICES | 7/21/2004 |
| DEXCOM.020A | 10/896772 | INCREASING BIAS FOR OXYGEN PRODUCTION IN AN ELECTRODE SYSTEM | 7/21/2004 |
| DEXCOM.023A | 10/897312 | ELECTRODE SYSTEMS FOR ELECTROCHEMICAL SENSORS | 7/21/2004 |
| DEXCOM.022A | 10/897377 | ELECTROCHEMICAL SENSORS INCLUDING ELECTRODE SYSTEMS WITH INCREASED OXYGEN GENERATION | 7/21/2004 |

Application No.: 10/648,849
 Filing Date.: August 22, 2003

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| DEXCOM.030A | 10/991353 | AFFINITY DOMAIN FOR ANALYTE SENSOR | 11/16/2004 |
| DEXCOM.032A | 10/991966 | INTEGRATED RECEIVER FOR CONTINUOUS ANALYTE SENSOR | 11/17/2004 |
| DEXCOM.038A | 11/004561 | CALIBRATION TECHNIQUES FOR A CONTINUOUS ANALYTE SENSOR | 12/3/2004 |
| DEXCOM.031A | 11/007635 | SYSTEMS AND METHODS FOR IMPROVING ELECTROCHEMICAL ANALYTE SENSORS | 12/7/2004 |
| DEXCOM.029A | 11/007920 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 12/8/2004 |
| DEXCOM.008DV1C | 11/021046 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 12/22/2004 |
| DEXCOM.007C1 | 11/021162 | SENSOR HEAD FOR USE WITH IMPLANTABLE DEVICES | 12/22/2004 |
| DEXCOM.040A | 11/034343 | COMPOSITE MATERIAL FOR IMPLANTABLE DEVICE | 1/11/2005 |
| DEXCOM.039A | 11/034344 | IMPLANTABLE DEVICE WITH IMPROVED RADIO FREQUENCY CAPABILITIES | 1/11/2005 |
| DEXCOM.024C1 | 11/038340 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 1/18/2005 |
| DEXCOM.8DVCP2C | 11/039269 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 1/19/2005 |
| DEXCOM.034A | 11/055779 | BIOINTERFACE MEMBRANE WITH MACRO- AND MICRO-ARCHITECTURE | 2/9/2005 |
| DEXCOM.051A8 | 11/077643 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A5 | 11/077693 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A4 | 11/077713 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A6 | 11/077714 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A | 11/077715 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A10 | 11/077739 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A11 | 11/077740 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.050A | 11/077759 | TRANSCUTANEOUS MEDICAL DEVICE WITH VARIABLE STIFFNESS | 3/10/2005 |
| DEXCOM.051A7 | 11/077763 | METHOD AND SYSTEMS FOR INSERTING A TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A12 | 11/077765 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A1 | 11/077883 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A9 | 11/078072 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A2 | 11/078230 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.051A3 | 11/078232 | TRANSCUTANEOUS ANALYTE SENSOR | 3/10/2005 |
| DEXCOM.061A1 | 11/157365 | TRANSCUTANEOUS ANALYTE SENSOR | 6/21/2005 |
| DEXCOM.061A | 11/157746 | TRANSCUTANEOUS ANALYTE SENSOR | 6/21/2005 |
| DEXCOM.061A2 | 11/158227 | TRANSCUTANEOUS ANALYTE SENSOR | 6/21/2005 |
| DEXCOM.016C1 | 11/201445 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/10/2005 |
| DEXCOM.010DV2 | 11/280102 | TECHNIQUES TO IMPROVE POLYURETHANE MEMBRANES FOR IMPLANTABLE GLUCOSE SENSORS | 11/16/2005 |
| DEXCOM.010DV1 | 11/280672 | TECHNIQUES TO IMPROVE POLYURETHANE MEMBRANES FOR IMPLANTABLE GLUCOSE SENSORS | 11/16/2005 |
| DEXCOM.063A | 11/333837 | LOW OXYGEN IN VIVO ANALYTE SENSOR | 1/17/2006 |
| DEXCOM.061CP1 | 11/334107 | TRANSCUTANEOUS ANALYTE SENSOR | 1/17/2006 |
| DEXCOM.061CP2 | 11/334876 | TRANSCUTANEOUS ANALYTE SENSOR | 1/18/2006 |
| DEXCOM.058A | 11/335879 | CELLULOSE-BASED INTERFERENCE DOMAIN FOR AN ANALYTE SENSOR | 1/18/2006 |
| DEXCOM.077A | 11/360250 | ANALYTE SENSOR | 2/22/2006 |
| DEXCOM.061CP3 | 11/360252 | ANALYTE SENSOR | 2/22/2006 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.051CP1 | 11/360262 | ANALYTE SENSOR | 2/22/2006 |
| DEXCOM.051CP2 | 11/360299 | ANALYTE SENSOR | 2/22/2006 |
| DEXCOM.061CP4 | 11/360819 | ANALYTE SENSOR | 2/22/2006 |
| DEXCOM.053A | 11/373628 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA FOR SENSOR CALIBRATION | 3/9/2006 |
| DEXCOM.075A | 11/404417 | SILICONE BASED MEMBRANES FOR USE IN IMPLANTABLE GLUCOSE SENSORS | 4/14/2006 |
| DEXCOM.010CP1 | 11/404418 | SILICONE BASED MEMBRANES FOR USE IN IMPLANTABLE GLUCOSE SENSORS | 4/14/2006 |
| DEXCOM.054A1 | 11/404421 | ANALYTE SENSING BIOINTERFACE | 4/14/2006 |
| DEXCOM.054A | 11/404929 | ANALYTE SENSING BIOINTERFACE | 4/14/2006 |
| DEXCOM.054A2 | 11/404946 | ANALYTE SENSING BIOINTERFACE | 4/14/2006 |
| DEXCOM.021C1 | 11/410392 | OXYGEN ENHANCING MEMBRANE SYSTEMS FOR IMPLANTABLE DEVICES | 4/25/2006 |
| DEXCOM.021DV1 | 11/410555 | OXYGEN ENHANCING MEMBRANE SYSTEMS FOR IMPLANTABLE DEVICES | 4/25/2006 |
| DEXCOM.051CP1C1 | 11/411656 | ANALYTE SENSOR | 4/26/2006 |
| DEXCOM.060A | 11/413238 | CELLULOSIC-BASED RESISTANCE DOMAIN FOR AN ANALYTE SENSOR | 4/28/2006 |
| DEXCOM.060A2 | 11/413242 | CELLULOSIC-BASED RESISTANCE DOMAIN FOR AN ANALYTE SENSOR | 4/28/2006 |
| DEXCOM.060A1 | 11/413356 | CELLULOSIC-BASED RESISTANCE DOMAIN FOR AN ANALYTE SENSOR | 4/28/2006 |
| DEXCOM.051C1 | 11/415593 | TRANSCUTANEOUS ANALYTE SENSOR | 5/2/2006 |
| DEXCOM.011DV3 | 11/415631 | OPTIMIZED SENSOR GEOMETRY FOR AN IMPLANTABLE GLUCOSE SENSOR | 5/2/2006 |
| DEXCOM.051C3 | 11/415999 | TRANSCUTANEOUS ANALYTE SENSOR | 5/2/2006 |

Application No.: 10/648,849
 Filing Date.: August 22, 2003

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| DEXCOM.011DV1 | 11/416058 | OPTIMIZED SENSOR GEOMETRY FOR AN IMPLANTABLE GLUCOSE SENSOR | 5/2/2006 |
| DEXCOM.011DV2 | 11/416346 | OPTIMIZED SENSOR GEOMETRY FOR AN IMPLANTABLE GLUCOSE SENSOR | 5/2/2006 |
| DEXCOM.051C2 | 11/416375 | TRANSCUTANEOUS ANALYTE SENSOR | 5/2/2006 |
| DEXCOM.012CP1C2 | 11/416734 | BIOINTERFACE MEMBRANES INCORPORATING BIOACTIVE AGENTS | 5/3/2006 |
| DEXCOM.012CP1C1 | 11/416825 | BIOINTERFACE MEMBRANES INCORPORATING BIOACTIVE AGENTS | 5/3/2006 |
| DEXCOM.051CP4 | 11/439559 | ANALYTE SENSOR | 5/23/2006 |
| DEXCOM.051CP3 | 11/439630 | ANALYTE SENSOR | 5/23/2006 |
| DEXCOM.051CP5 | 11/439800 | ANALYTE SENSOR | 5/23/2006 |
| DEXCOM.61CP3CP1 | 11/445792 | ANALYTE SENSOR | 6/1/2006 |
| DEXCOM.027CP1 | 11/498410 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 8/2/2006 |
| DEXCOM.51CP3CP1 | 11/503367 | ANALYTE SENSOR | 8/10/2006 |
| DEXCOM.27CP1CP2 | 11/515342 | SYSTEMS AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 9/1/2006 |
| DEXCOM.27CP1CP1 | 11/515443 | SYSTEMS AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 9/1/2006 |
| DEXCOM.088A | 11/543396 | ANALYTE SENSOR | 10/4/2006 |
| DEXCOM.088A3 | 11/543404 | ANALYTE SENSOR | 10/4/2006 |
| DEXCOM.088A2 | 11/543490 | ANALYTE SENSOR | 10/4/2006 |
| DEXCOM.038CP2 | 11/543539 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 10/4/2006 |
| DEXCOM.038CP3 | 11/543683 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 10/4/2006 |
| DEXCOM.038CP1 | 11/543707 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 10/4/2006 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.038CP4 | 11/543734 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 10/4/2006 |
| DEXCOM.8DCP2CC1 | 11/546157 | DEVICE AND METHOD FOR DETERMINING ANALYTE LEVELS | 10/10/2006 |
| DEXCOM.012DV1 | 11/654135 | POROUS MEMBRANES FOR USE WITH IMPLANTABLE DEVICES | 1/17/2007 |
| DEXCOM.058CP1 | 11/654140 | MEMBRANES FOR AN ANALYTE SENSOR | 1/17/2007 |
| DEXCOM.058CP2 | 11/654327 | MEMBRANES FOR AN ANALYTE SENSOR | 1/17/2007 |
| DEXCOM.021CP1 | 11/675063 | ANALYTE SENSOR | 2/14/2007 |
| DEXCOM.51CP1CP1 | 11/681145 | ANALYTE SENSOR | 3/1/2007 |
| DEXCOM.61CP2CP1 | 11/690752 | TRANSCUTANEOUS ANALYTE SENSOR | 3/23/2007 |
| DEXCOM.088CP3 | 11/691424 | ANALYTE SENSOR | 3/26/2007 |
| DEXCOM.088CP1 | 11/691426 | ANALYTE SENSOR | 3/26/2007 |
| DEXCOM.088CP2 | 11/691432 | ANALYTE SENSOR | 3/26/2007 |
| DEXCOM.088CP4 | 11/691466 | ANALYTE SENSOR | 3/26/2007 |
| DEXCOM.38CP1CP1 | 11/692154 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 3/27/2007 |
| DEXCOM.61CP2CP4 | 11/734178 | TRANSCUTANEOUS ANALYTE SENSOR | 4/11/2007 |
| DEXCOM.61CP2CP2 | 11/734184 | TRANSCUTANEOUS ANALYTE SENSOR | 4/11/2007 |
| DEXCOM.61CP2CP3 | 11/734203 | TRANSCUTANEOUS ANALYTE SENSOR | 4/11/2007 |
| DEXCOM.093A | 11/750907 | ANALYTE SENSORS HAVING A SIGNAL-TO-NOISE RATIO SUBSTANTIALLY UNAFFECTED BY NON-CONSTANT NOISE | 5/18/2007 |
| DEXCOM.27CP1CP3 | 11/762638 | SYSTEMS AND METHODS FOR REPLACING SIGNAL DATA ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 6/13/2007 |
| DEXCOM.028DV1 | 11/763215 | SILICONE COMPOSITION FOR BIOCOMPATIBLE MEMBRANE | 6/14/2007 |
| DEXCOM.051C4 | 11/797520 | TRANSCUTANEOUS ANALYTE SENSOR | 5/3/2007 |
| DEXCOM.051C5 | 11/797521 | TRANSCUTANEOUS ANALYTE SENSOR | 5/3/2007 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.061CP2C2 | 11/842139 | TRANSCUTANEOUS ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.061C1 | 11/842142 | TRANSCUTANEOUS ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.61CP2CPC | 11/842143 | TRANSCUTANEOUS ANALYTE SENSOR | 8/20/2007 |
| DEXCOM.061CP4C1 | 11/842146 | ANALYTE SENSOR | 8/20/2007 |
| DEXCOM.061A1C1 | 11/842148 | TRANSCUTANEOUS ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.61CP3CPC | 11/842149 | TRANSCUTANEOUS ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.077C1 | 11/842151 | ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.061CP2C1 | 11/842154 | TRANSCUTANEOUS ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.093C1 | 11/842156 | ANALYTE SENSORS HAVING A SIGNAL-TO-NOISE RATIO SUBSTANTILALLY UNAFFECTED BY NON-CONSTANT NOISE | 8/21/2007 |
| DEXCOM.51P3P1C1 | 11/842157 | ANALYTE SENSOR | 8/21/2007 |
| DEXCOM.096A | 11/855101 | TRANSCUTANEOUS ANALYTE SENSOR | 9/13/2007 |
| DEXCOM.38CP1CP2 | 11/865572 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 10/1/2007 |
| DEXCOM.025C1 | 11/865660 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 10/1/2007 |
| DEXCOM.051A7C1 | 11/925603 | TRANSCUTANEOUS ANALYTE SENSOR | 10/26/2007 |
| DEXCOM.8DV1CPD2 | 12/037812 | ANALYTE MEASURING DEVICE | 2/26/2008 |
| DEXCOM.8DV1CPD1 | 12/037830 | ANALYTE MEASURING DEVICE | 2/26/2008 |
| DEXCOM.107A | 12/054953 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.88CP1CP2 | 12/055078 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.106A | 12/055098 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.88CP1CP1 | 12/055114 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.88CP1CP3 | 12/055149 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.88CP1CP4 | 12/055203 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.88CP1CP5 | 12/055227 | ANALYTE SENSOR | 3/25/2008 |
| DEXCOM.024C1D2 | 12/098353 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/4/2008 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.024C1D1 | 12/098359 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/4/2008 |
| DEXCOM.024C1D3 | 12/098627 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/7/2008 |
| DEXCOM.051A6C3 | 12/101790 | TRANSCUTANEOUS ANALYTE SENSOR | 4/11/2008 |
| DEXCOM.051A9C1 | 12/101806 | TRANSCUTANEOUS ANALYTE SENSOR | 4/11/2008 |
| DEXCOM.051A6C2 | 12/101810 | TRANSCUTANEOUS ANALYTE SENSOR | 4/11/2008 |
| DEXCOM.016DV1 | 12/102654 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/14/2008 |
| DEXCOM.016DV2 | 12/102729 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/14/2008 |
| DEXCOM.016DV3 | 12/102745 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/14/2008 |
| DEXCOM.034DV1 | 12/103594 | BIOINTERFACE WITH MACRO- AND MICRO-ARCHITECTURE | 4/15/2008 |
| DEXCOM.050C1 | 12/105227 | TRANSCUTANEOUS MEDICAL DEVICE WITH VARIABLE STIFFNESS | 4/17/2008 |
| DEXCOM.038CP3C1 | 12/111062 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 4/28/2008 |
| DEXCOM.063C2 | 12/113508 | LOW OXYGEN IN VIVO ANALYTE SENSOR | 5/1/2008 |
| DEXCOM.063C1 | 12/113724 | LOW OXYGEN IN VIVO ANALYTE SENSOR | 5/1/2008 |
| DEXCOM.094A2 | 12/133738 | INTEGRATED MEDICAMENT DELIVERY DEVICE FOR USE WITH CONTINUOUS ANALYTE SENSOR | 6/5/2008 |
| DEXCOM.094A3 | 12/133761 | INTEGRATED MEDICAMENT DELIVERY DEVICE FOR USE WITH CONTINUOUS ANALYTE SENSOR | 6/5/2008 |
| DEXCOM.094A4 | 12/133786 | INTEGRATED MEDICAMENT DELIVERY DEVICE FOR USE WITH CONTINUOUS ANALYTE SENSOR | 6/5/2008 |
| DEXCOM.037CP1 | 12/133820 | INTEGRATED MEDICAMENT DELIVERY DEVICE FOR USE WITH CONTINUOUS ANALYTE SENSOR | 6/5/2008 |

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| DEXCOM.061A2DV1 | 12/137396 | TRANSCUTANEOUS ANALYTE SENSOR | 6/11/2008 |
| DEXCOM.023RE | 12/139305 | ELECTRODE SYSTEMS FOR ELECTROCHEMICAL SENSORS | 6/13/2008 |
| DEXCOM.051A8C1 | 12/175391 | TRANSCUTANEOUS ANALYTE SENSOR | 7/17/2008 |
| DEXCOM.032DV2 | 12/182008 | INTEGRATED RECEIVER FOR CONTINUOUS ANALYTE SENSOR | 7/29/2008 |
| DEXCOM.032DV1 | 12/182073 | INTEGRATED RECEIVER FOR CONTINUOUS ANALYTE SENSOR | 7/29/2008 |
| DEXCOM.032DV3 | 12/182083 | INTEGRATED RECEIVER FOR CONTINUOUS ANALYTE SENSOR | 7/29/2008 |
| DEXCOM.025C1C2 | 12/195191 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/20/2008 |
| DEXCOM.025C1C1 | 12/195773 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 8/21/2008 |
| DEXCOM.045DV1 | 12/247137 | IMPLANTABLE ANALYTE SENSOR | 10/7/2008 |
| DEXCOM.051CP3DV | 12/250918 | ANALYTE SENSOR | 10/14/2008 |
| DEXCOM.029DV2 | 12/252952 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/16/2008 |
| DEXCOM.029DV5 | 12/252967 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/16/2008 |
| DEXCOM.029DV1 | 12/252996 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/16/2008 |
| DEXCOM.029DV6 | 12/253064 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/16/2008 |
| DEXCOM.029DV3 | 12/253120 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/16/2008 |
| DEXCOM.029DV4 | 12/253125 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/16/2008 |
| DEXCOM.098A | 12/258235 | SYSTEMS AND METHODS FOR PROCESSING SENSOR DATA | 10/24/2008 |
| DEXCOM.099A2 | 12/258318 | SYSTEMS AND METHODS FOR PROCESSING SENSOR DATA | 10/24/2008 |
| DEXCOM.016CP1 | 12/258320 | SYSTEMS AND METHODS FOR PROCESSING SENSOR DATA | 10/24/2008 |
| DEXCOM.099A1 | 12/258325 | SYSTEMS AND METHODS FOR PROCESSING SENSOR DATA | 10/24/2008 |
| DEXCOM.27CP1CP4 | 12/258335 | SYSTEMS AND METHODS FOR PROCESSING SENSOR DATA | 10/24/2008 |
| DEXCOM.099A | 12/258345 | SYSTEMS AND METHODS FOR PROCESSING SENSOR DATA | 10/24/2008 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.007C1DV1 | 12/260017 | SENSOR HEAD FOR USE WITH IMPLANTABLE DEVICES | 10/28/2008 |
| DEXCOM.029C1 | 12/263993 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 11/3/2008 |
| DEXCOM.38CPCPDV | 12/264160 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 11/3/2008 |
| DEXCOM.043DV1 | 12/264835 | IMPLANTABLE ANALYTE SENSOR | 11/4/2008 |
| DEXCOM.88CPP5P6 | 12/267494 | INTEGRATED DEVICE FOR CONTINUOUS IN VIVO ANALYTE DETECTION AND SIMULTANEOUS CONTROL OF AN INFUSION DEVICE | 11/7/2008 |
| DEXCOM.038CP5 | 12/267518 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88CP1P1P | 12/267525 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88P1P1P2 | 12/267531 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.016CP2 | 12/267542 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88CPP5P4 | 12/267544 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88CPP5P5 | 12/267545 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88CPP5P3 | 12/267546 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88CPP5P2 | 12/267547 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.88CPP5P1 | 12/267548 | ANALYTE SENSOR | 11/7/2008 |
| DEXCOM.051A12C1 | 12/273359 | TRANSCUTANEOUS ANALYTE SENSOR | 11/18/2008 |
| DEXCOM.051C6 | 12/329496 | TRANSCUTANEOUS ANALYTE SENSOR | 12/5/2008 |
| DEXCOM.038CP2C1 | 12/335403 | DUAL ELECTRODE SYSTEM FOR A CONTINUOUS ANALYTE SENSOR | 12/15/2008 |
| DEXCOM.027DV1 | 12/353787 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 1/14/2009 |
| DEXCOM.027DV2 | 12/353799 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 1/14/2009 |
| DEXCOM.061C2 | 12/353870 | TRANSCUTANEOUS ANALYTE SENSOR | 1/14/2009 |
| DEXCOM.051C7 | 12/359207 | TRANSCUTANEOUS ANALYTE SENSOR | 1/23/2009 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.100A | 12/362194 | CONTINUOUS CARDIAC MARKER SENSOR SYSTEM | 1/29/2009 |
| DEXCOM.061CP2C3 | 12/364786 | TRANSCUTANEOUS ANALYTE SENSOR | 2/3/2009 |
| DEXCOM.101A | 12/365683 | CONTINUOUS MEDICAMENT SENSOR SYSTEM FOR IN VIVO USE | 2/4/2009 |
| DEXCOM.102A2 | 12/390205 | SYSTEMS AND METHODS FOR CUSTOMIZING DELIVERY OF SENSOR DATA | 2/20/2009 |
| DEXCOM.102A3 | 12/390290 | SYSTEMS AND METHODS FOR BLOOD GLUCOSE MONITORING AND ALERT DELIVERY | 2/20/2009 |
| DEXCOM.102A1 | 12/390304 | SYSTEMS AND METHODS FOR PROCESSING, TRANSMITTING AND DISPLAYING SENSOR DATA | 2/20/2009 |
| DEXCOM.061DV1 | 12/391148 | TRANSCUTANEOUS ANALYTE SENSOR | 2/23/2009 |
| DEXCOM.051C10 | 12/393887 | TRANSCUTANEOUS ANALYTE SENSOR | 2/26/2009 |
| DEXCOM.104A2 | 12/413166 | POLYMER MEMBRANES FOR CONTINUOUS ANALYTE SENSORS | 3/27/2009 |
| DEXCOM.104A1 | 12/413231 | POLYMER MEMBRANES FOR CONTINUOUS ANALYTE SENSORS | 3/27/2009 |
| DEXCOM.029DV8 | 12/424391 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 4/15/2009 |
| DEXCOM.029DV7 | 12/424403 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 4/15/2009 |
| DEXCOM.061A1C2 | 12/437436 | TRANSCUTANEOUS ANALYTE SENSOR | 5/7/2009 |
| DEXCOM.029DV9 | 12/509396 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 7/24/2009 |
| DEXCOM.075DV1 | 12/511982 | SILICONE BASED MEMBRANES FOR USE IN IMPLANTABLE GLUCOSE SENSORS | 7/29/2009 |
| DEXCOM.088CP4C1 | 12/535620 | ANALYTE SENSOR | 8/4/2009 |
| DEXCOM.037DV1 | 12/536852 | INTEGRATED DELIVERY DEVICE FOR CONTINUOUS GLUCOSE SENSOR | 8/6/2009 |
| DEXCOM.095A | 12/562011 | PARTICLE-CONTAINING MEMBRANE AND PARTICULATE ELECTRODE FOR ANALYTE SENSORS | 9/17/2009 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.029DV11 | 12/565156 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.029DV12 | 12/565166 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.029DV13 | 12/565173 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.029DV10 | 12/565180 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.029DV14 | 12/565199 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.032DV1DV | 12/565205 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.029DV15 | 12/565231 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 9/23/2009 |
| DEXCOM.029C2 | 12/577668 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/12/2009 |
| DEXCOM.029C4 | 12/577690 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/12/2009 |
| DEXCOM.029C3 | 12/577691 | SIGNAL PROCESSING FOR CONTINUOUS ANALYTE SENSOR | 10/12/2009 |
| DEXCOM.027C1 | 12/579339 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |
| DEXCOM.027C3 | 12/579357 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |
| DEXCOM.027C2 | 12/579363 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |
| DEXCOM.027C7 | 12/579374 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |
| DEXCOM.027C4 | 12/579385 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |
| DEXCOM.027C5 | 12/579388 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |

Application No.: 10/648,849
Filing Date.: August 22, 2003

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| DEXCOM.027C6 | 12/579392 | SYSTEMS AND METHODS FOR REPLACING SIGNAL ARTIFACTS IN A GLUCOSE SENSOR DATA STREAM | 10/14/2009 |
| DEXCOM.025RX | 95/001038 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/17/2008 |
| DEXCOM.024RX | 95/001039 | SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR DATA | 4/17/2008 |

Conclusion

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is in condition for allowance. Should the Examiner have any remaining concerns that might prevent the prompt allowance of the application, the Examiner is respectfully invited to contact the undersigned at the telephone number below.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 23, 2009

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